

NRE Call for Participation:

We are all looking forward to SC22 in Dallas, TX and the time to submit your Network Research Exhibitions is nearing. Network researchers and professionals from government, education, research, and industry are invited to submit proposals for demonstrations and experiments at the SC Conference that display innovation in emerging network hardware, protocols, and advanced network-intensive scientific applications. Visit the NRE page at <https://sc22.supercomputing.org/scinet/network-research-exhibition/> for more details.

The NRE team is ready to engage in one-on-one meetings with researchers, or potential researchers. Please reach out to the NRE team to set up a session via nre-leads@scinet.supercomputing.org.

NRE Proposal Submissions

Stage 1: Preliminary WAN Requirements

Provide critical early input to the SCinet WAN team in terms of WAN bandwidth requests. Significant lead times are required to work with service providers and equipment vendors to plan, build and validate WAN circuits. Early input is key to ensuring that the network can meet the needs of NRE applicants.

- Submission format: On-line form
- Submission location: WAN Network Resource Request Form <https://forms.gle/X2cgx4axJEYn288d6>
- Submission deadline: April 29, 2022

Stage 2: Preliminary Abstract

One-page document outlining the high-level goals and activities related to the proposal. Only a single experiment should be included. Additional experiments should be outlined in separate documents. As many details on sources and network needs should be included as possible.

- Submission format: Download Template <https://tinyurl.com/sc22-nre-template>
- Submission location: NRE Submissions Dropbox <https://tinyurl.com/sc22-nre-submit>
- Submission deadline: June 3, 2022

Stage 3: Network Requirements

Final document outlining the network requirements required for the planned exhibition, including sources (city, state, country of origin), bandwidth needs, VLAN requirements and destination booth drops. Note that WAN bandwidth requests that differ significantly from those outlined in

the Preliminary WAN Requirements and/or resources section of the Preliminary Abstract may not be able to be fulfilled.

- Submission format: Any relevant submission style will be accepted.
- Submission location: NRE Submissions Dropbox <https://tinyurl.com/sc22-nre-submit>
- Submission deadline: August 5, 2022

Stage 4: Final Publishable Submission

Two- to three-page submission with all relevant details of the activities, drawings and other research details. This document will be published on the SCinet NRE webpage.

- Submission format: Any relevant submission style will be accepted.
- Submission location: NRE Submissions Dropbox <https://tinyurl.com/sc22-nre-submit>
- Submission deadline: October 28, 2022

Stage 5: Research Results and Findings

Submission of findings and results of the demonstrations. These will be collected and provided to the INDIS workshop team for inclusion in the workshop for the following year. The handoff to INDIS will include the final publishable submission as well as the read-out of the demonstration(s) in terms of results.

- Submission format: Same as the Final Publishable Submission
- Submission location: NRE Submissions Dropbox <https://tinyurl.com/sc22-nre-submit>
- Submission deadline: January 27, 2023

As a reminder, it is critical to adhere to the above deadlines to ensure a successful SCinet demo.

The NRE team will confirm receipt of submission documents and will start the review process. We will be in contact with the involved parties throughout the process.

We look forward to receiving your Preliminary Abstract on or before June 3rd. If you have questions prior to then, please contact us here: nre-leads@scinet.supercomputing.org.